

Title (en)
OPHTHALMOLOGIC IMAGING APPARATUS

Title (de)
OPHTHALMOLOGISCHES BILDGEBUNGSGERÄT

Title (fr)
APPAREIL DE RÉALISATION D'IMAGE OPHTALMOLOGIQUE

Publication
EP 2682048 A1 20140108 (EN)

Application
EP 12752571 A 20120227

Priority
• JP 2011045037 A 20110302
• JP 2012054767 W 20120227

Abstract (en)
Provided are an illumination optical system (100, 13, 15...) for projecting illumination light from an illumination light source onto a fundus of a subject eye; a photography optical system (22, 42, 31, 32...) for taking an image of the fundus illuminated by the illumination light; a first electronic infrared imaging means (40) for taking a video for observing the fundus of the subject eye during the subject eye observation period; an exciter filter (13) for photographing natural fluorescence from the fundus of the subject eye and a barrier filter (BF3) for photographing natural fluorescence from the fundus of the subject eye respectively capable of being inserted into and retracted from optical paths of the illumination optical system and the photography optical system after the subject eye observation period in which the fundus of the subject eye is observed using the first electronic imaging means and prior to taking a still image of the subject eye by a second electronic imaging means (53); and an adjustment means for varying the ratio of the visible light component to the infrared light component in the illumination light.

IPC 8 full level
A61B 3/14 (2006.01); **A61B 3/12** (2006.01)

CPC (source: EP KR US)
A61B 3/12 (2013.01 - EP US); **A61B 3/1241** (2013.01 - EP US); **A61B 3/14** (2013.01 - EP KR US); **A61B 3/145** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2682048 A1 20140108; EP 2682048 A4 20140910; JP WO2012118010 A1 20140707; KR 20140038937 A 20140331;
US 2013329189 A1 20131212; WO 2012118010 A1 20120907

DOCDB simple family (application)
EP 12752571 A 20120227; JP 2012054767 W 20120227; JP 2013502331 A 20120227; KR 20137020671 A 20120227;
US 201213983645 A 20120227